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## (54) CHEMICALLY WASHING METHOD FOR STEEL MEMBER

## (57)Abstract:

PURPOSE: To prevent the corrosion of a steel member due to scale and rust with a single soln. by descaling the member with an org. acid soln. pH-adjusted with an org. acid or an aqueous ammonia and adding a pH adjusting agent, polyphosphate and nitrite to the soln. to carry out rust preventive treatment.

CONSTITUTION: An aqueous soln. of one or more kinds of org. acids selected from citric acid, malic acid, gluconic acid and glycolic acid is adjusted to 3.0W3.5pH with sulfamic acid and/or tartaric acid or an aqueous ammonia, and a steel member is descaled by dipping in the resulting soln. To the soln. are then added one or more among an aqueous ammonia, ethanolamine and hydrazine as a pH adjusting agent, one or more kinds of polyphosphates selected from polyphosphate, ultraphosphate and metaphosphate and nitrite, and rust preventive treatment is carried out with the soln. adjusted to 5W9pH. At this time, the org. acid concn. is also adjusted so as to prevent the precipitation of leached Fe ions.

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## ⑱ 鉄鋼製部材の化学的洗浄法

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## 明 細 書

1 発明の名称 鉄鋼製部材の化学的洗浄法

食を防止する目的で、あるいは酸軟化の火カプ  
 ラントのボイラその他の鉄鋼製換熱器に対して

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